

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001431

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04B 1/707, G06F 17/15

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, G06F, H04Q, G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 9103892 A1 (ADVANCED SYSTEMS RESEARCH PTY LIMITED), 21 March 1991 (21.03.1991), claim 17, abstract --	1,2,4-5
Y	EP 1089452 A1 (LUCENT TECHNOLOGIES INC.), 4 April 2001 (04.04.2001), abstract, [0008]-[0010]; [0023];[0035]-[0041];[0044] --	1,2,4-15
A	US 6546256 B1 (JOHN E. MALONEY ET AL), 8 April 2003 (08.04.2003), column 1, line 14 - column 3, line 56; column 7, line 40 - column 9, line 34, abstract -- -----	1,12

☐ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 28 January 2005	Date of mailing of the international search report 08-02-2005
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Peter Hedman/MN Telephone No. +46 8 782 25 00

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

31/12/2004

International application No.

PCT/SE 2004/001431

WO	9103892	A1	21/03/1991	AU	6283290 A	08/04/1991
				CA	2064898 A	02/03/1991
				EP	0489794 A	17/06/1992
-----						
EP	1089452	A1	04/04/2001	NONE		
-----						
US	6546256	B1	08/04/2003	US	20030129996 A	10/07/2003
				AU	6533498 A	07/08/1998
				EP	1048179 A,B	02/11/2000
				SE	1048179 T3	
				IL	137291 D	00/00/0000
				US	6047192 A	04/04/2000
				WO	9832297 A	23/07/1998
				TW	449661 B	00/00/0000
				ZA	9800330 A	14/09/1998
-----						